

Title (en)
METHOD AND APPARATUS FOR ANALYZING FLUID SAMPLE

Publication
EP 0078948 B1 19860212 (EN)

Application
EP 82109693 A 19821020

Priority
JP 16712681 A 19811021

Abstract (en)
[origin: US5037612A] A row composed of reaction vessels is arranged on a turntable and one unit of sample dispenser mechanism as well as one photometer and a plurality units of reagent feeding mechanism are arranged near the turntable. After a sample is added to one specified reaction vessel, the turntable is rotated by 180 DEG or more and stopped so as to advance the reaction vessel containing said sample by half a revolution plus one cell. During this rotation, approximately half of all the vessels cross the light path of the photometer for the absorbance of fluid in each vessel to be measured. A reagent is added to the specified reaction vessel at the next stop position after sampling in order to start reaction. The turntable is again rotated and stopped so as to advance the reaction vessel by half a revolution plus one cell. During this rotation, the reaction vessel crosses said light path of the photometer for the absorbance of the reaction fluid to be measured. The reaction vessel stops at the second reaction vessel position beyond the initial sample adding position. During the course of repeated rotations, the specified reaction vessel crosses the light path of said photometer a number of times and is stopped at said sample adding position after it is washed to be ready for further use.

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CPC (source: EP US)
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Citation (examination)
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Cited by
DE4203574A1; EP0356569A1; US4908320A; EP0316766A3; US5320966A; WO9424570A1; WO8800704A1

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